

1 **(April 7, 2003)**

2 **Pigmented Sealer**

3 The Contractor shall submit four draw down color samples of the pigmented sealer
4 selected for use to the Engineer for approval. The Contractor shall submit
5 spectrophotometer or colorimeter readings, taken in accordance with either ASTM
6 D 2244 or Color Matching Conference (CMC) standards, for each batch. The
7 calculated Delta E (DIELAB or CMC) shall not exceed 1.0 deviation from the color
8 chip specified and available from the Contracting Agency. The Contractor shall
9 label each wet sample and draw down color sample with the batch number. The
10 Contractor shall not begin applying pigmented sealer until receiving the Engineer's
11 written approval of the pigmented sealer color samples.

12
13 All surfaces to be sealed shall receive a Class 2 finish and shall receive a light
14 brush sandblasting in order that complete neutralization of the surface and
15 subsequent penetration of the pigmented sealer is achieved. All curing agents and
16 form release agents shall be removed. The surface shall be dry, clean and
17 prepared in accordance with manufacturer's written instructions. The Contractor
18 shall submit four copies of the manufacturer's written instructions.

19
20 The pigmented sealer shall be spray applied in accordance with the manufacturer's
21 written instructions for application, qualification of applicator, rate of application,
22 and number of coats to apply. Sealer shall be applied only when the air
23 temperature is at or above 10C. It shall not be applied upon damp surfaces, nor
24 shall it be applied when the air is misty, or otherwise unsatisfactory for the work, in
25 the opinion of the manufacturer or the Engineer. The final appearance shall have
26 an even and uniform color acceptable to the Engineer.

27
28 For concrete surfaces such as columns, retaining walls and abutments, the
29 pigmented sealer shall extend to 300 millimeters below the finish ground line,
30 unless otherwise shown in the Plans.